

Title: Stock assessment of sockeye salmon from the Buskin River, Kodiak, Alaska, 2007

Abstract: Salmon weirs were operated on the Buskin River drainage on Kodiak Island, Alaska, from May 7 – September 30, 2007 to enumerate sockeye salmon *Oncorhynchus nerka*. A total of 16,502 sockeye salmon were counted into Buskin Lake. A total of 1,676 sockeye salmon were also counted into the Lake Louise tributary. The midpoint of the Buskin Lake run occurred on June 16; the midpoint of the Lake Louise tributary run occurred on August 27. Most sockeye salmon in the Buskin and Louise lakes escapement were aged 1.3. The preliminary 2007 subsistence harvest was 9,557 sockeye salmon, most of which were aged 1.3.

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Study Number: FIS 07-402

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Management Regions: Kodiak Area, Bristol Bay/Alaska Peninsula/Kodiak Region

Information Type: Stock Status and Trends

Issue Addressed: Data collected from the project will be used for inseason management and development of an escapement goal for this sockeye salmon stock.

Study Cost: \$67,800

Study Duration: June 1 – August 15, 2007

Key Words: Age composition, Buskin River, Kodiak Island, sockeye salmon, *Oncorhynchus nerka*, subsistence harvest, weir.